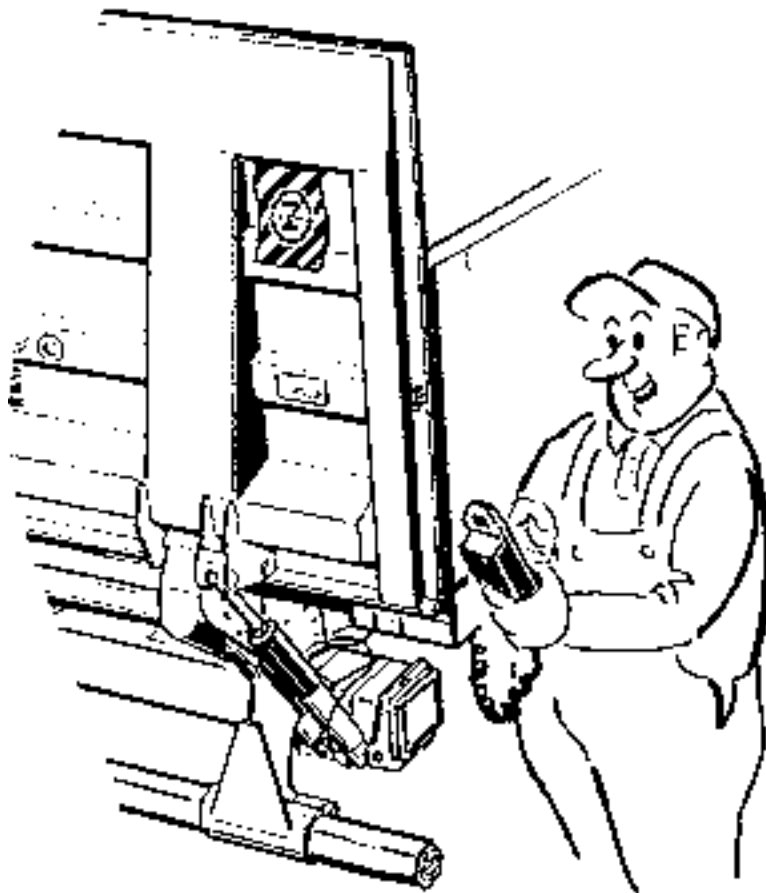


Service instruction

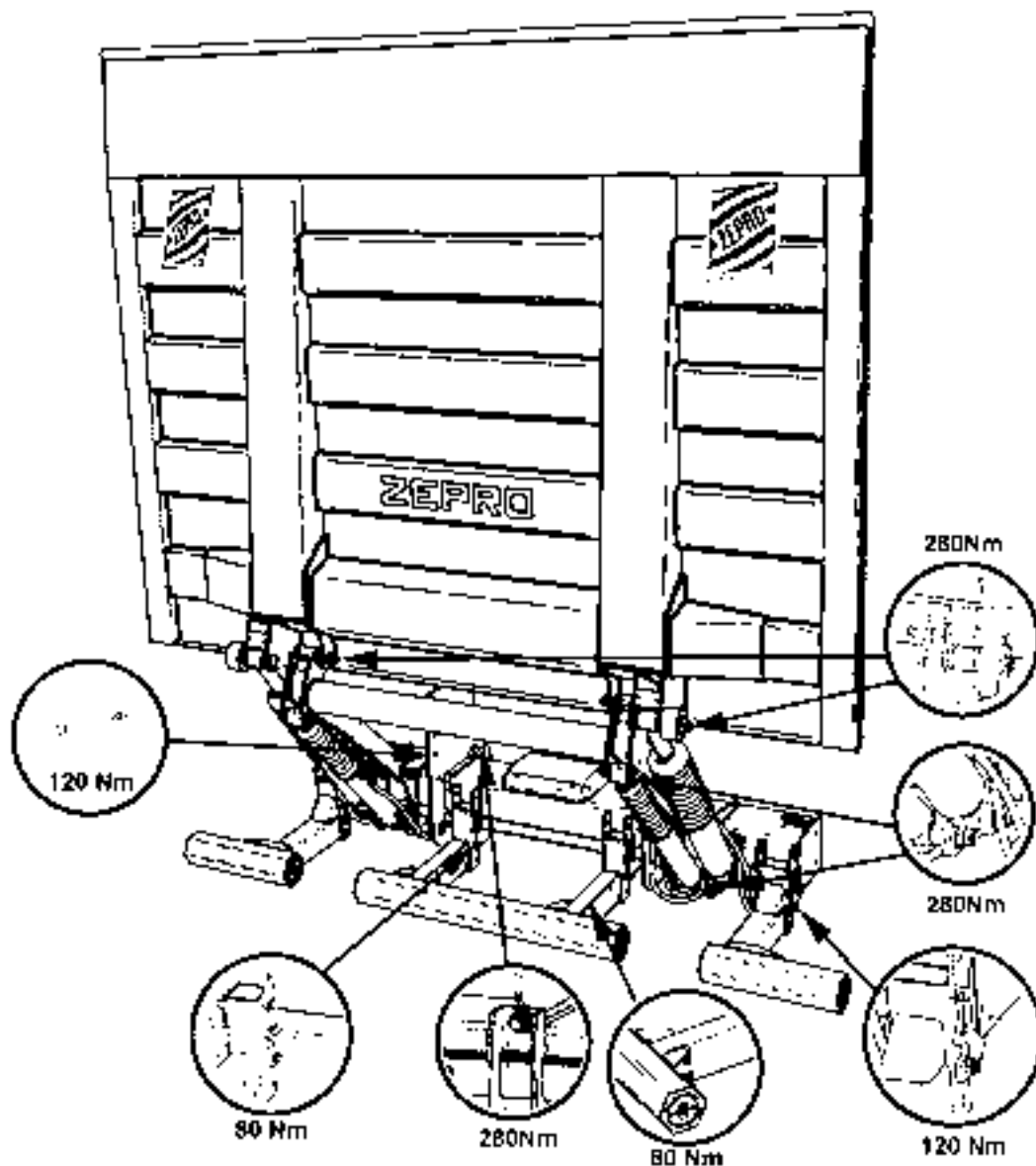
Tail lift Tightening torque



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Tightening torque

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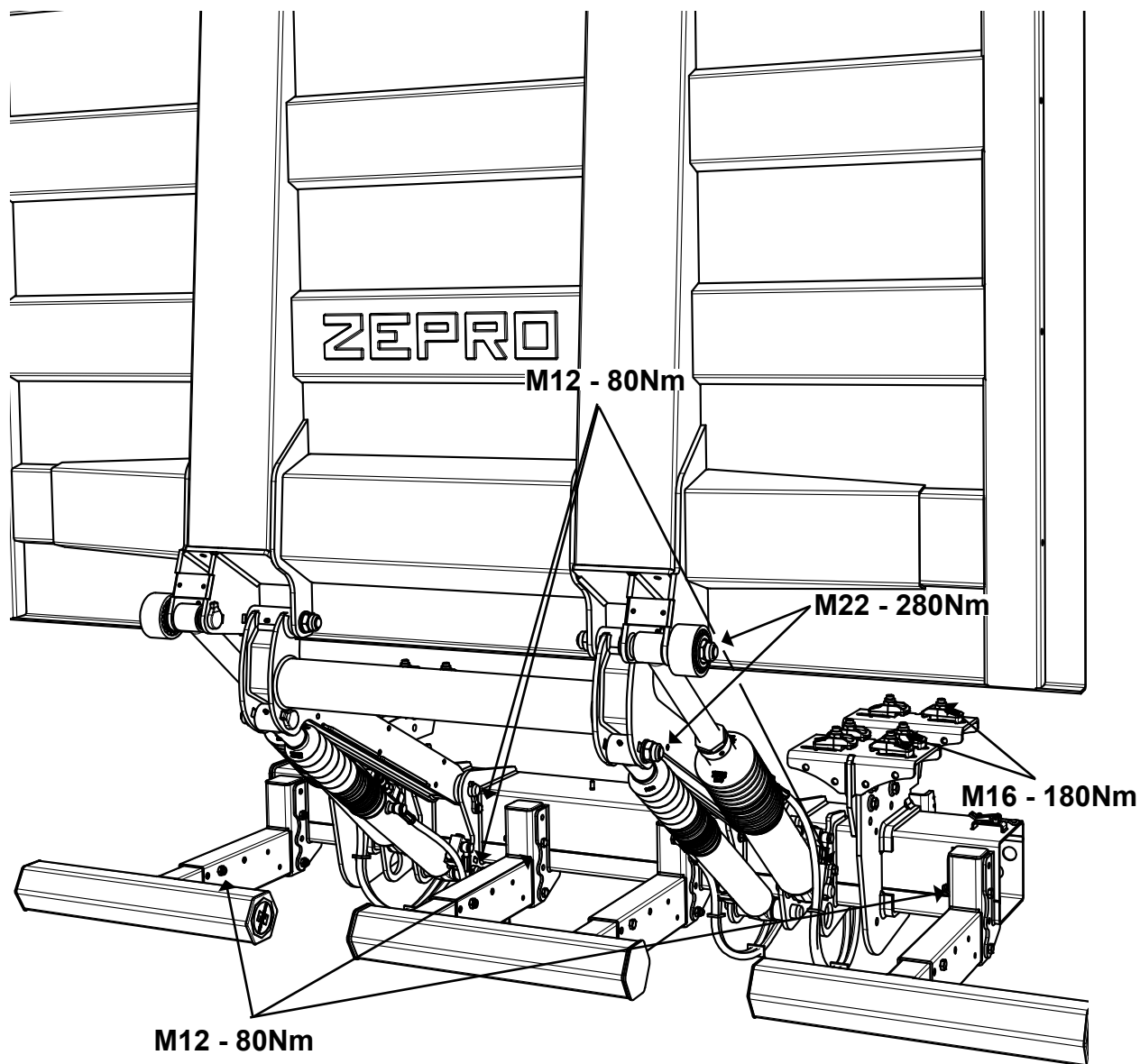
Torque chassi details ZHD/ZHDL 1500-2500

Tightening torque of the safety valves, hoses and other hydraulic couplings, see the last page.

Torque chassi details ZHDN

Torque for screw and nuts on chassi details:

- M8..... 25Nm.
- M12..... 80Nm.
- M16..... 180Nm.
- M22..... 280Nm.

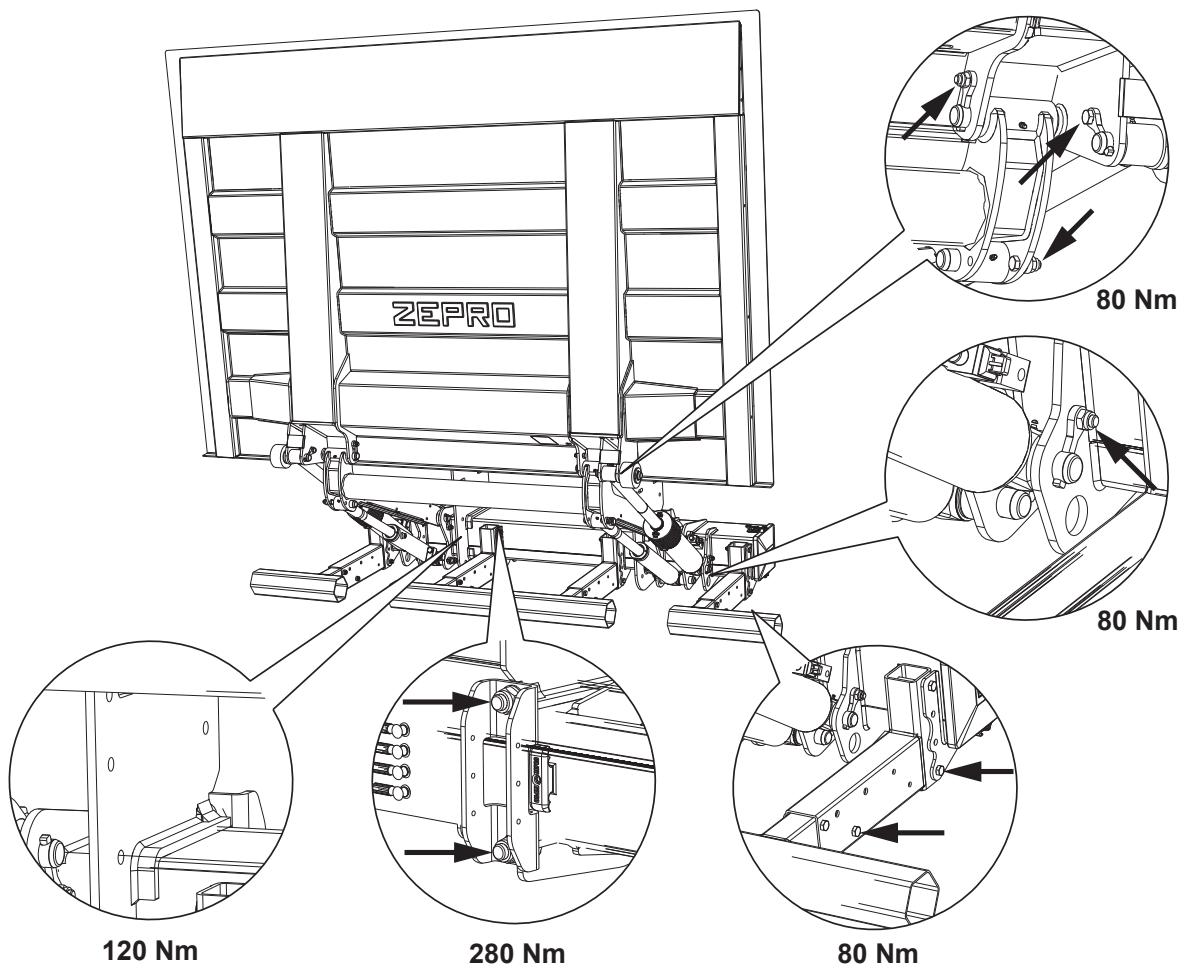


Tightening torque of the safety valves, hoses and other hydraulic couplings, see the last page.

Torque chassi details Z/ZL 1500/2000/2500 ZDK 250

Torque for screw and nuts on chassi details:

- M12..... 80Nm.
- M14..... 120Nm.
- M22..... 280Nm.

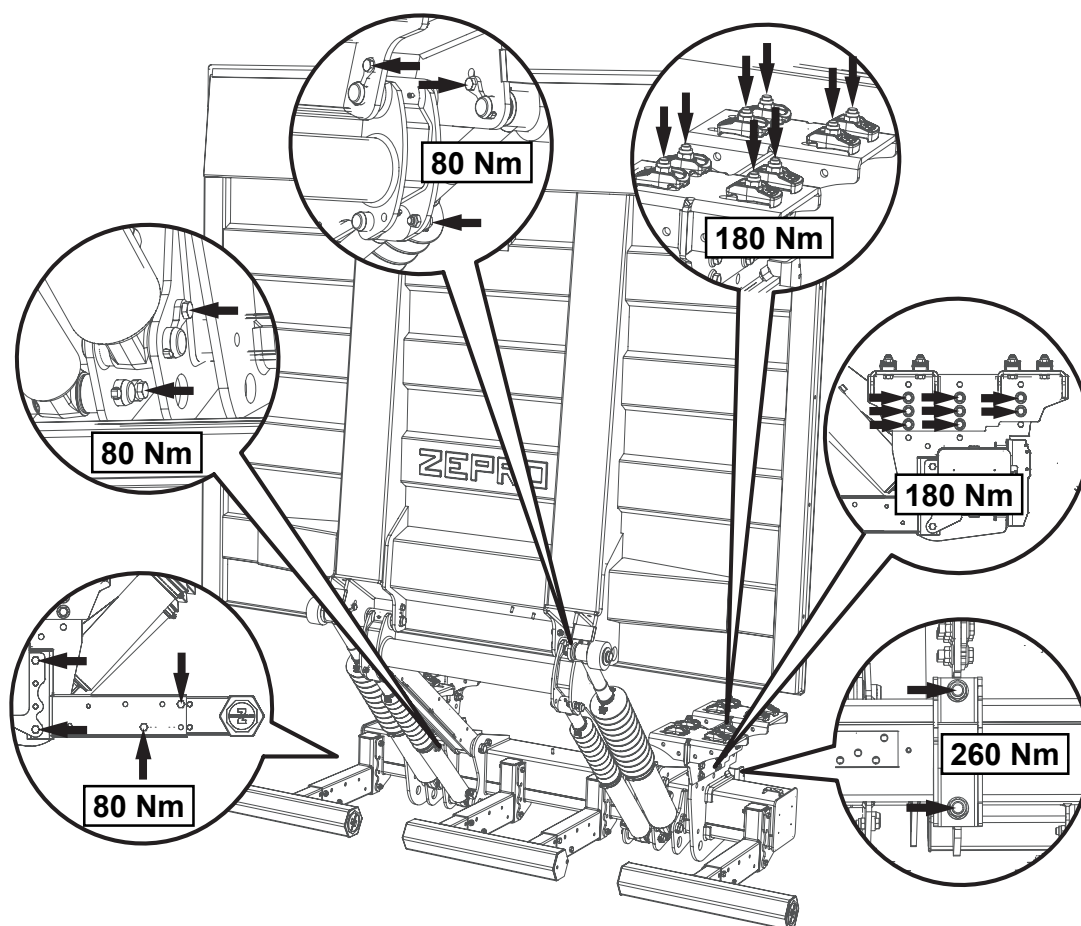


Tightening torque of the safety valves, hoses and other hydraulic couplings, see the last page.

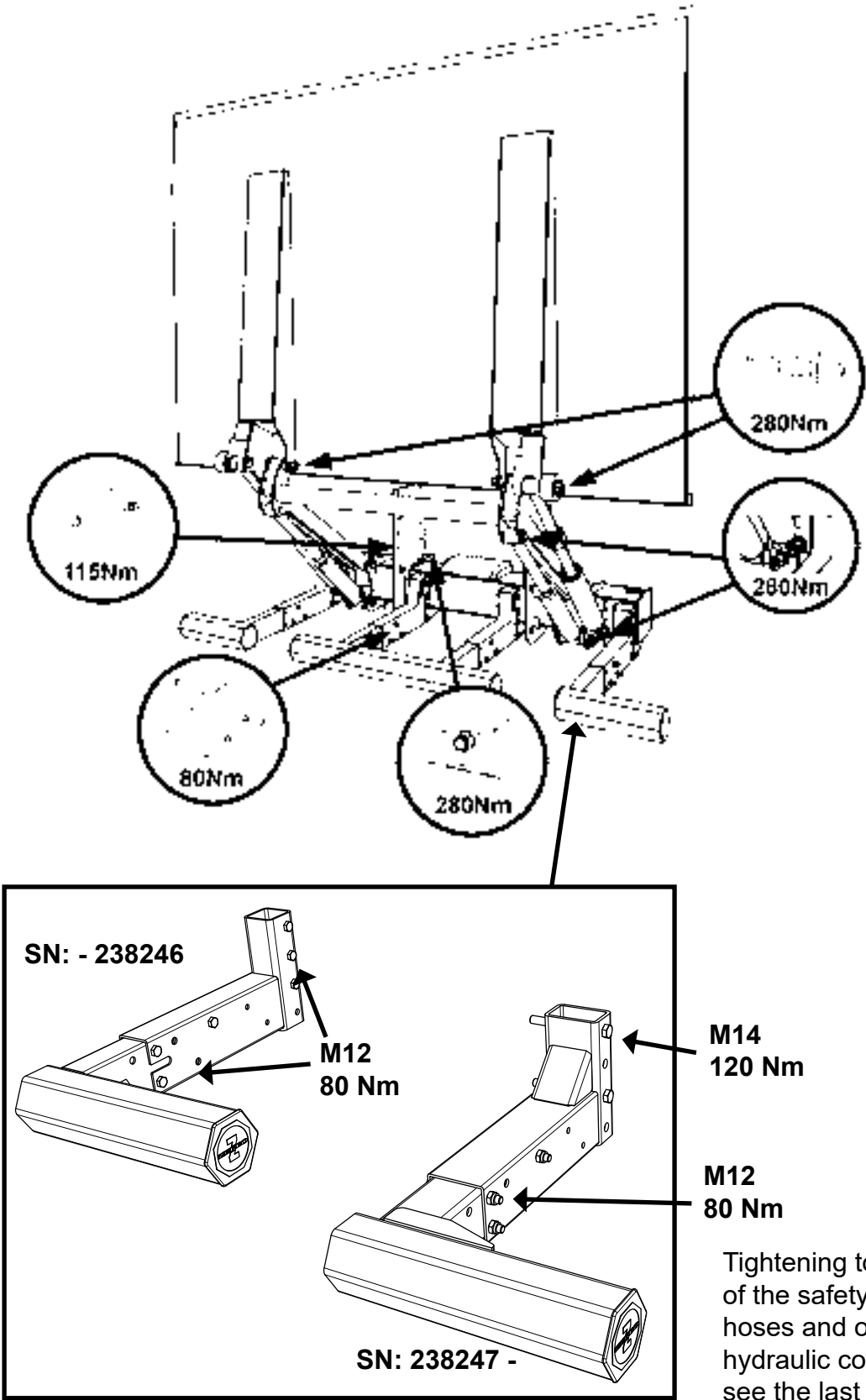
Torque chassi details ZN 2500

Torque for screw and nuts on chassi details:

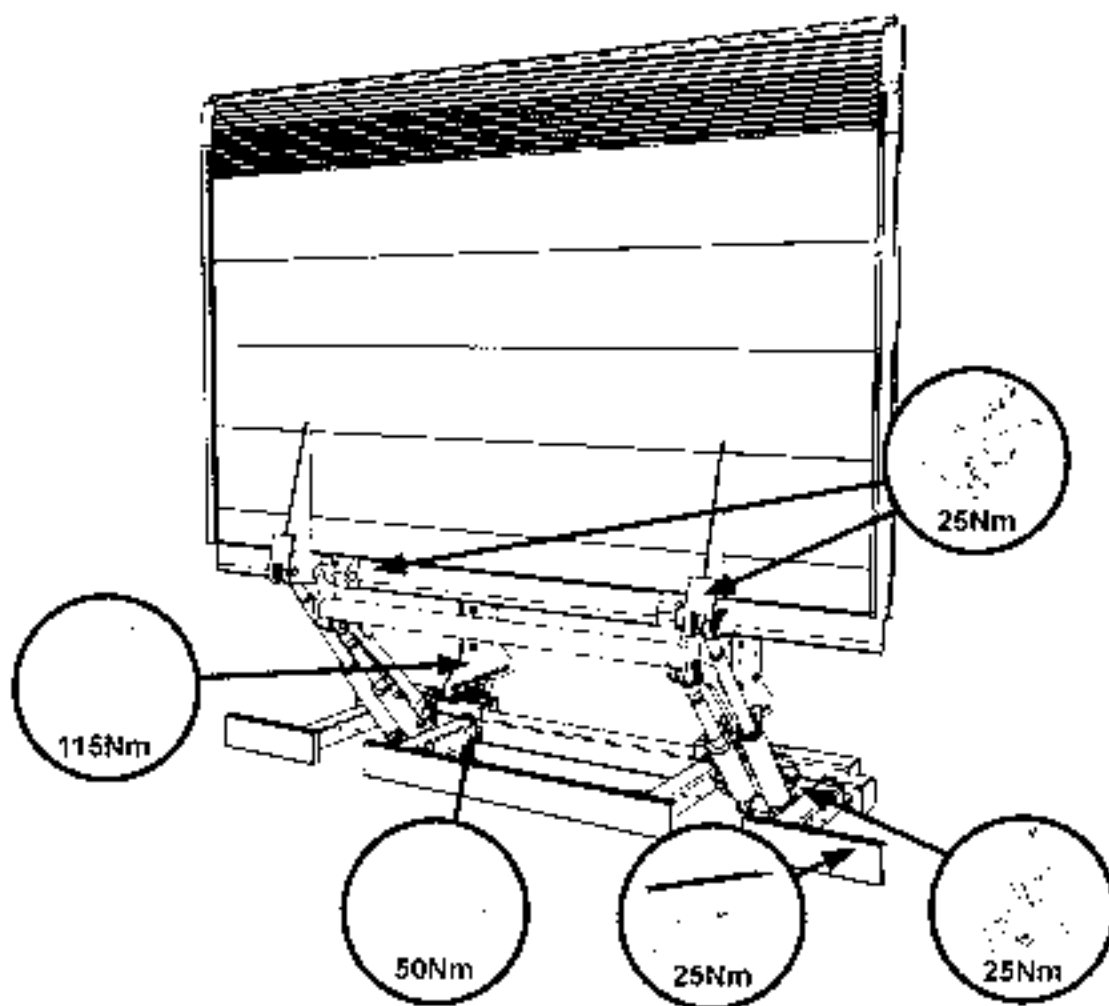
- M12..... 80Nm.
- M14..... 120Nm.
- M22..... 280Nm.



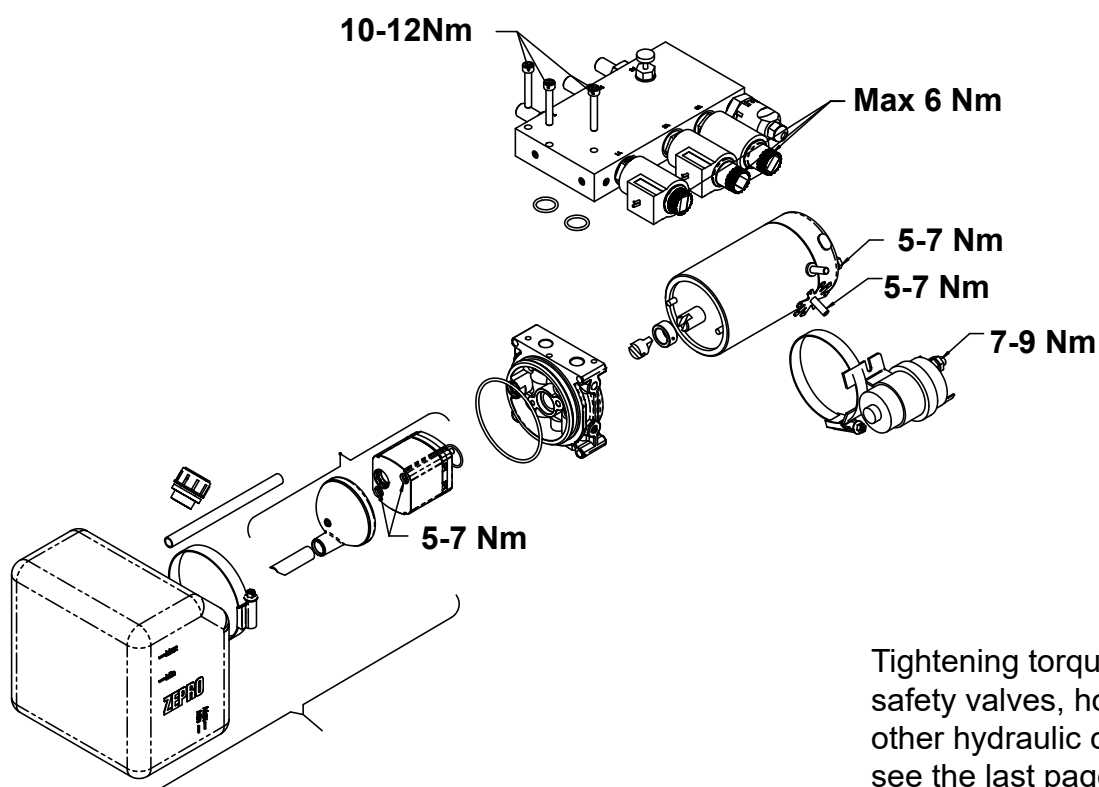
Torque chassi details Z/ZL 150-250



Torque chassi details Z/ZL/ZN/ZU/ZLU/ZNU 45/75

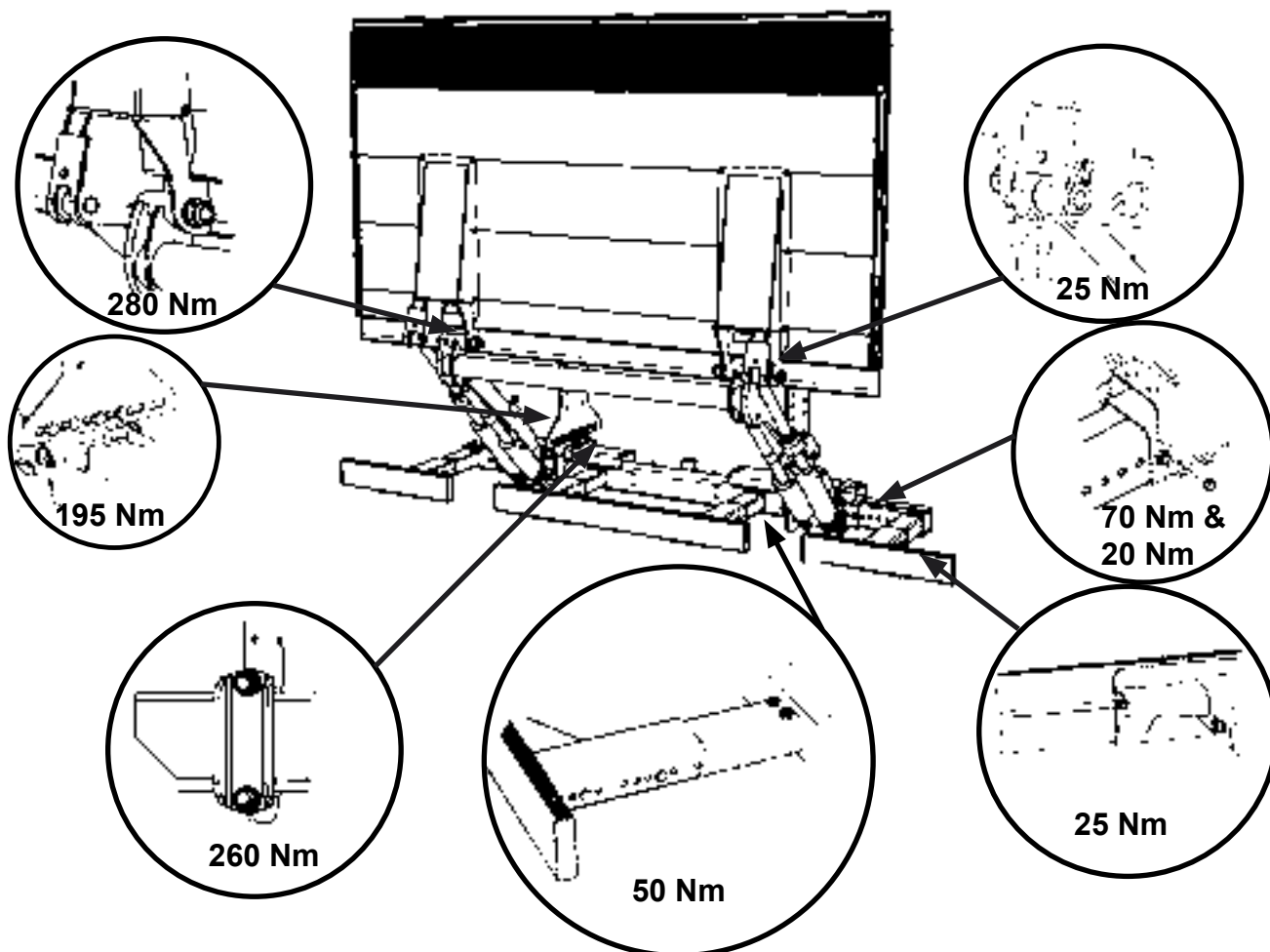


Hydraulic unit Z 45/75

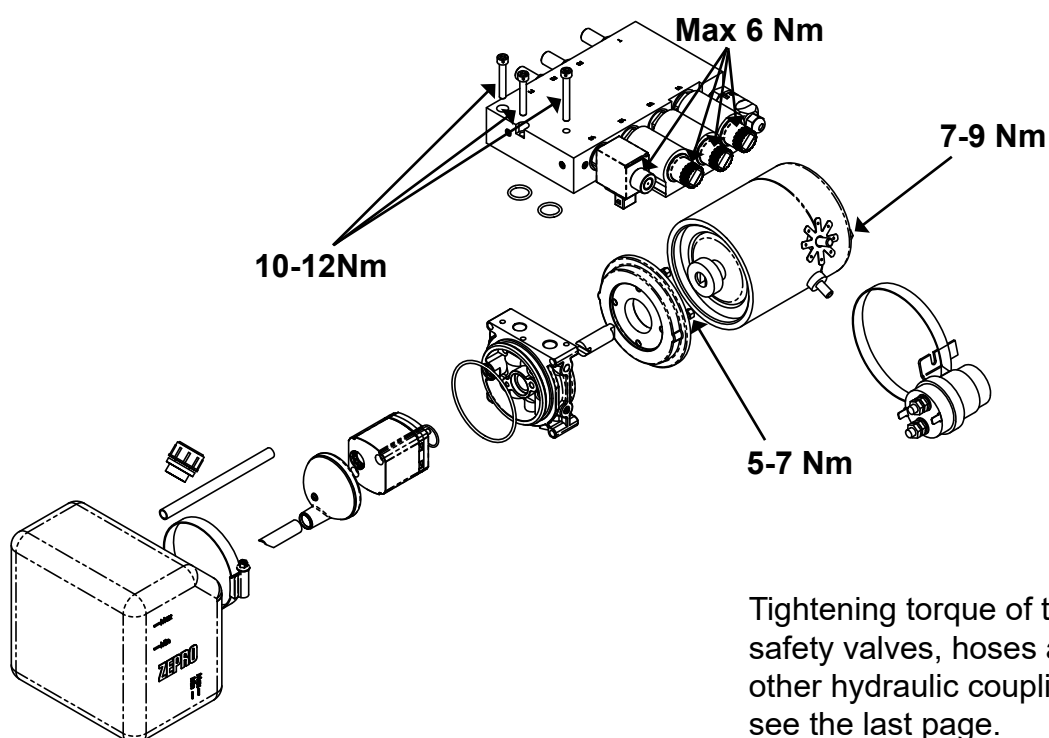


Tightening torque of the safety valves, hoses and other hydraulic couplings, see the last page.

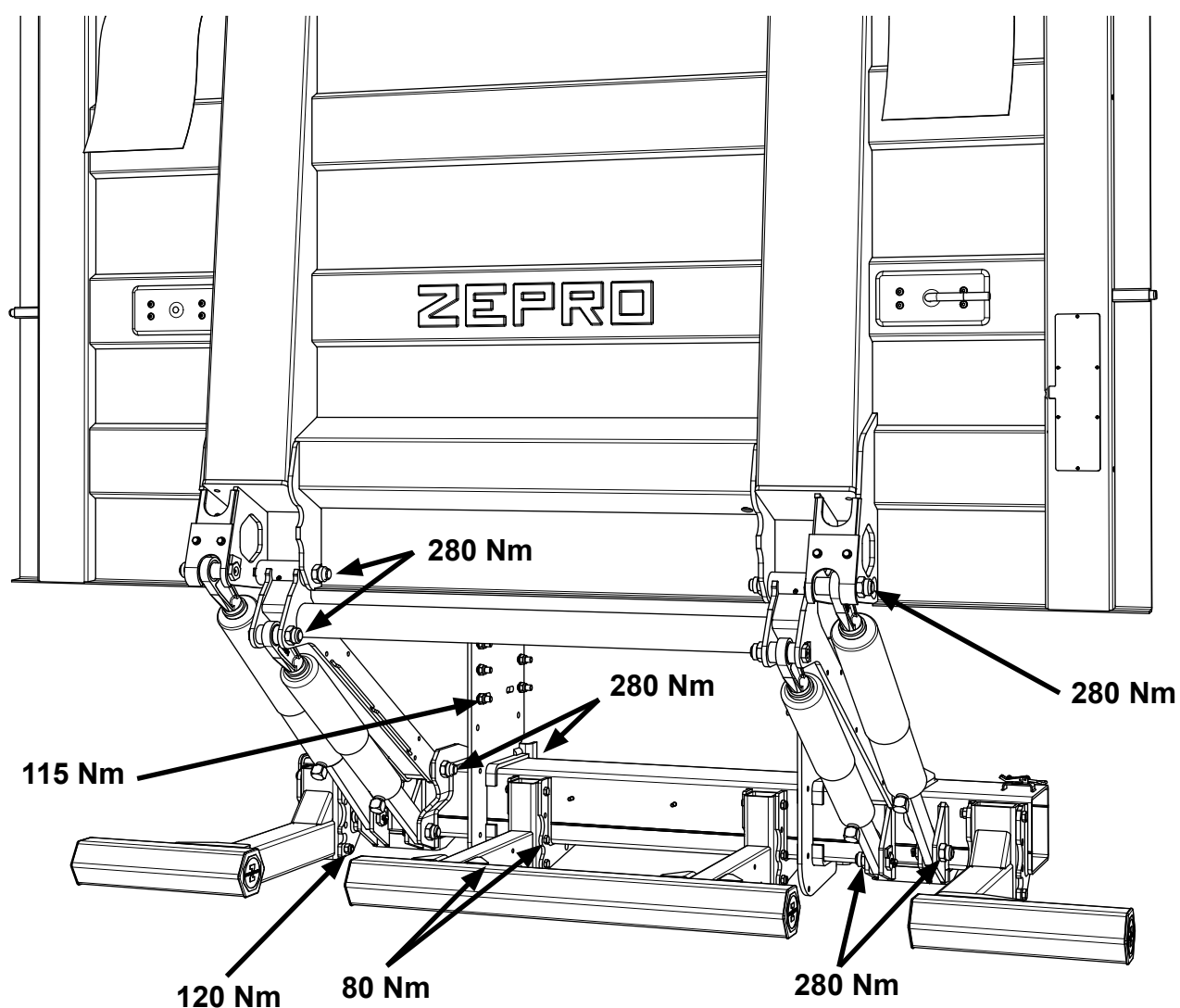
Torque Z 100 Chassi details



Hydraulic unit Z 100

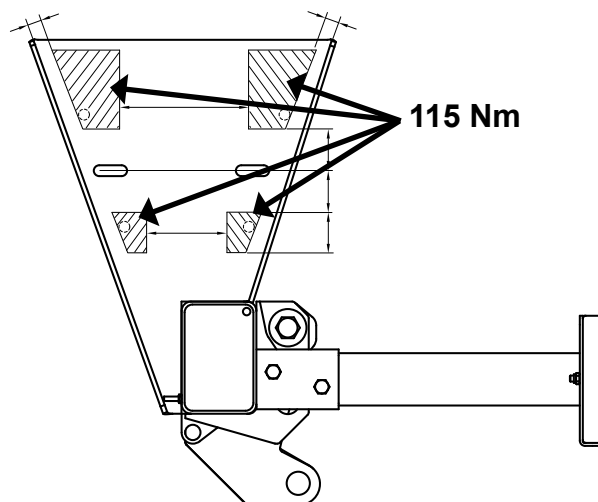
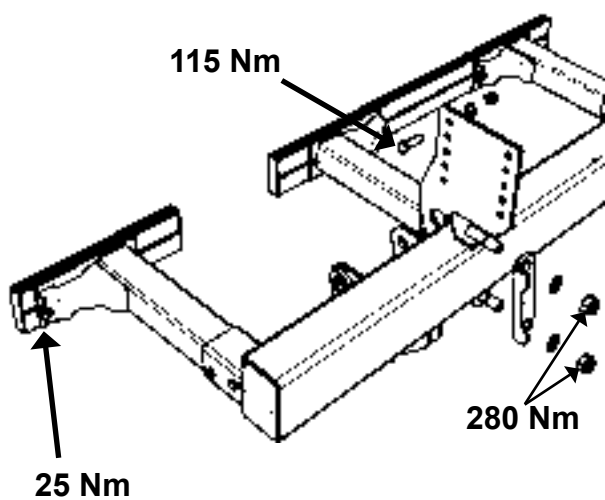
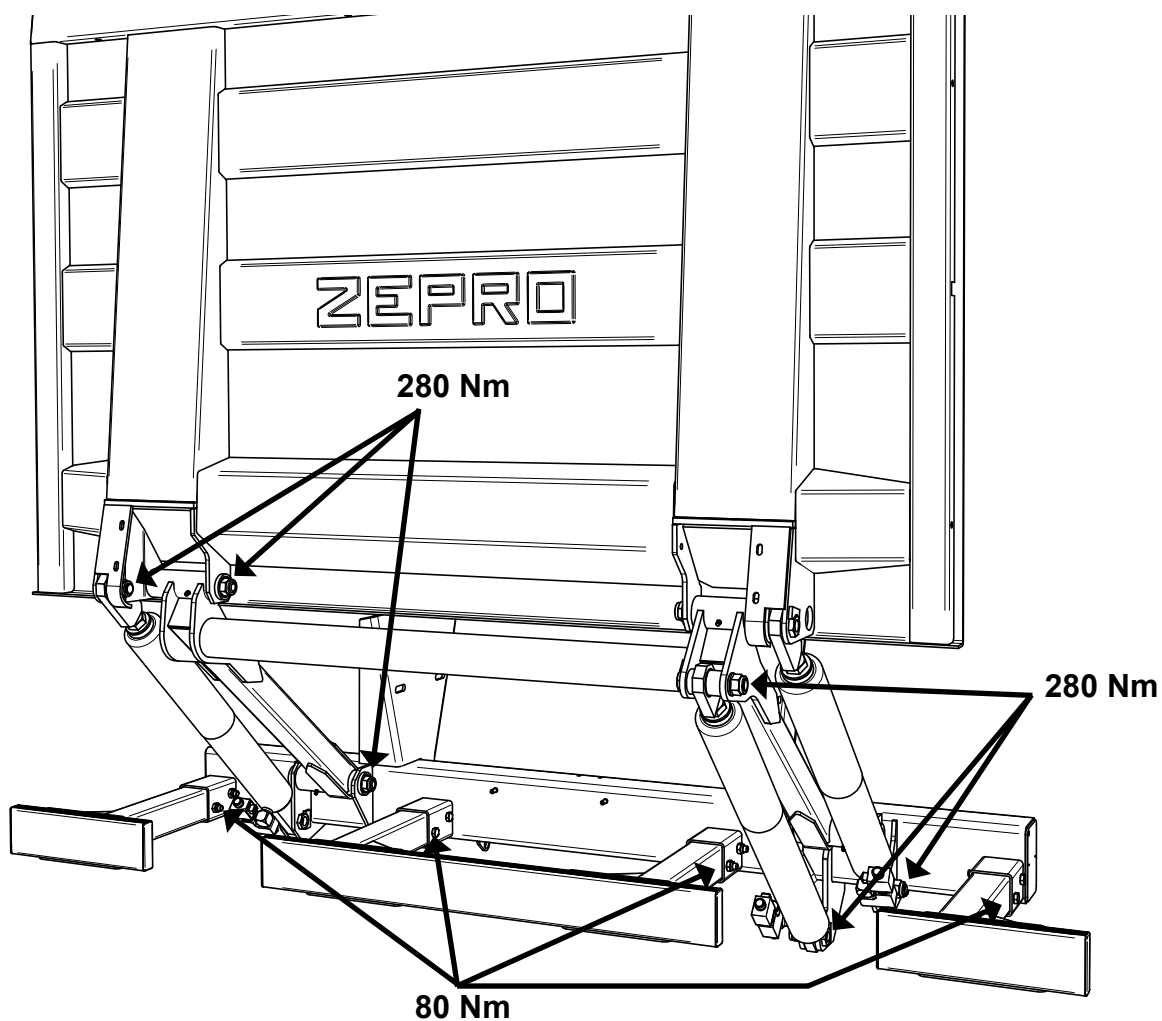


Torque chassi details Z 10/15/20



Tightening torque of the safety valves, hoses and other hydraulic couplings, see the last page.

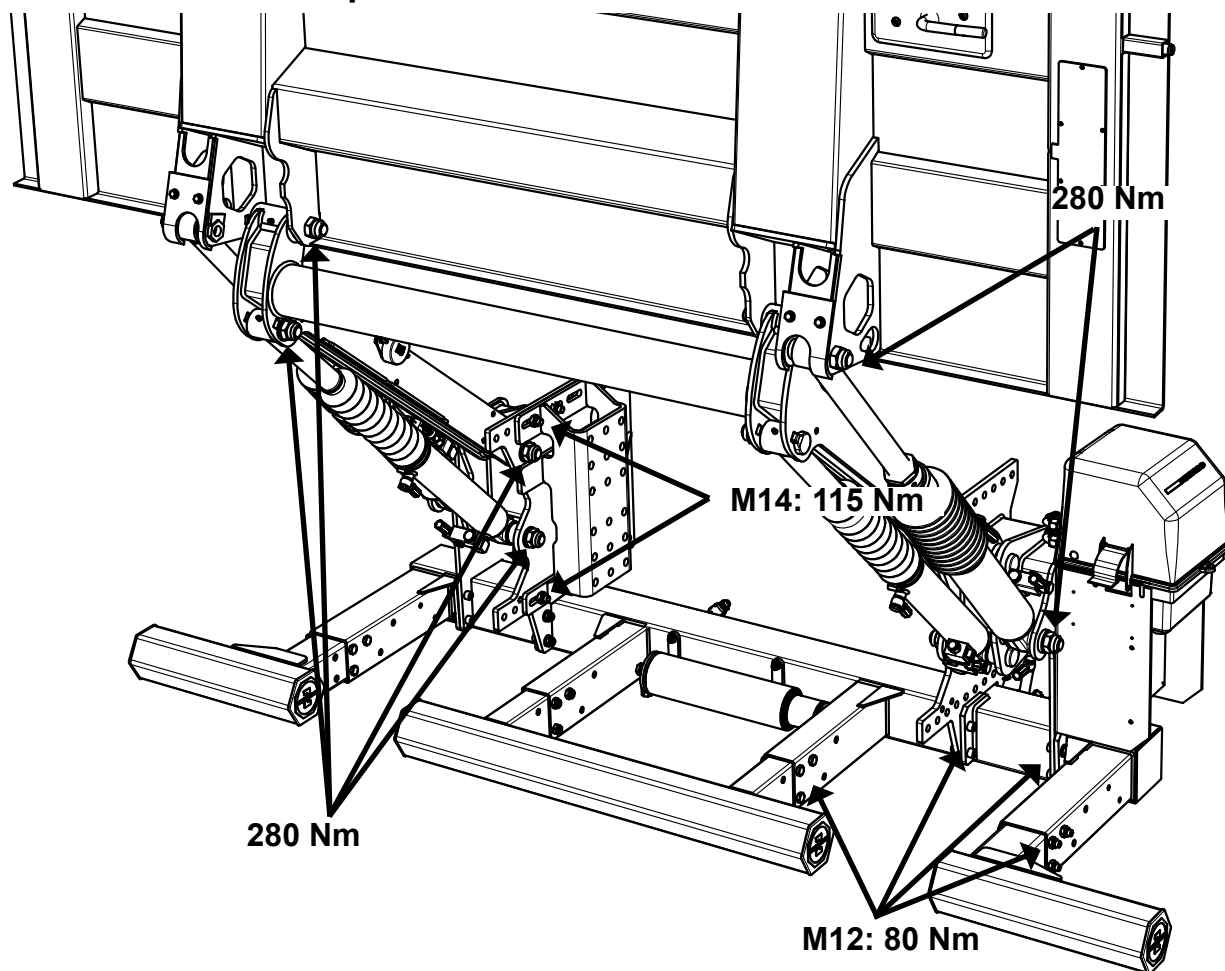
Torque chassi details Z 10-135



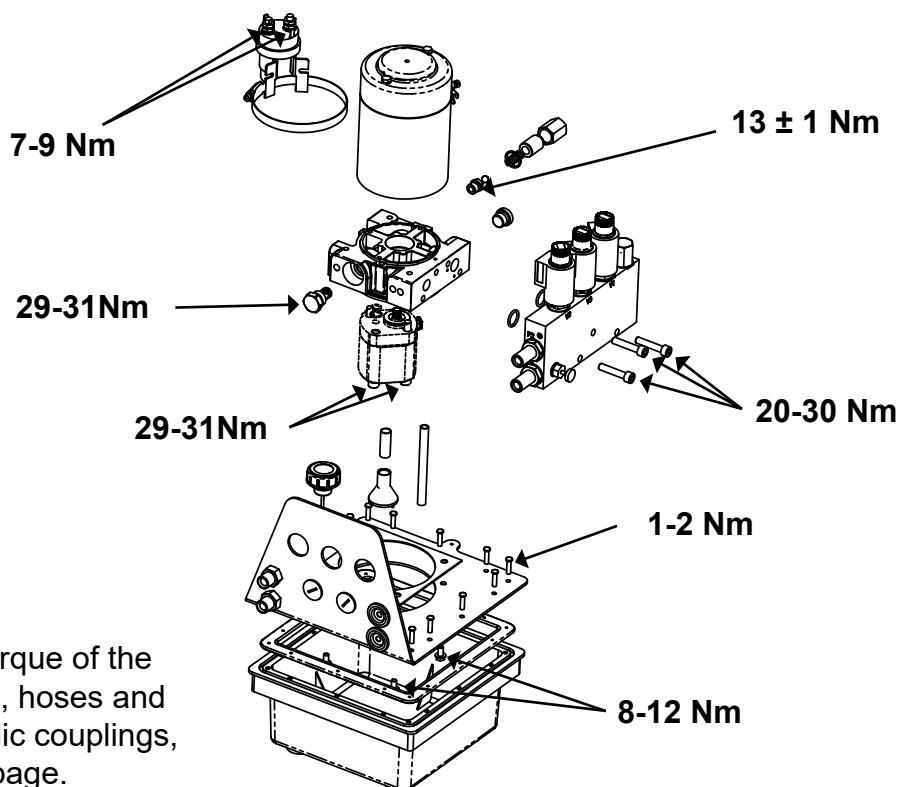
Tightening torque of the safety valves, hoses and other hydraulic couplings, see the last page.

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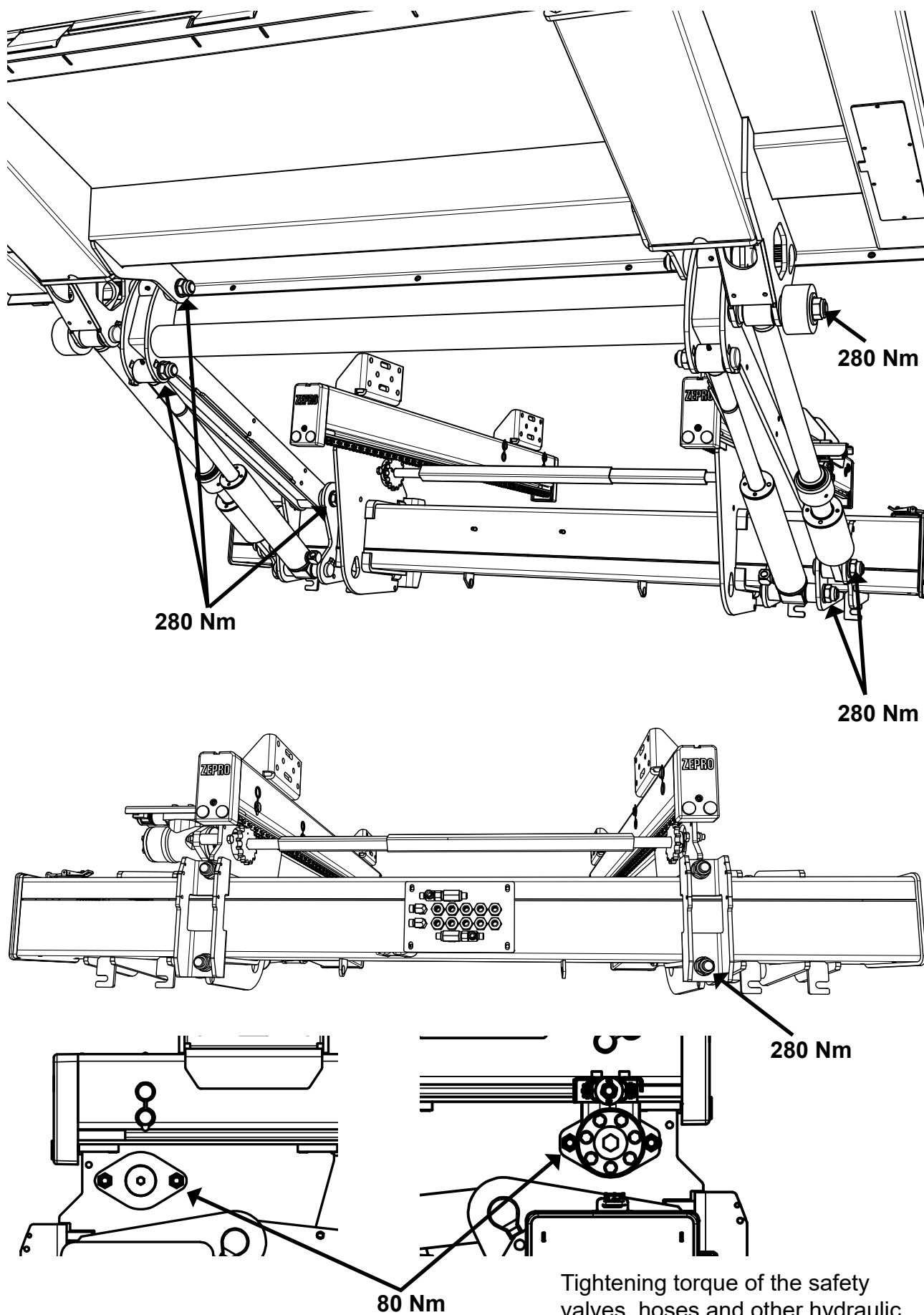
Torque chassi details ZAHD/ZAEDH



Hydraulic unit ZAHD/ZAEDH

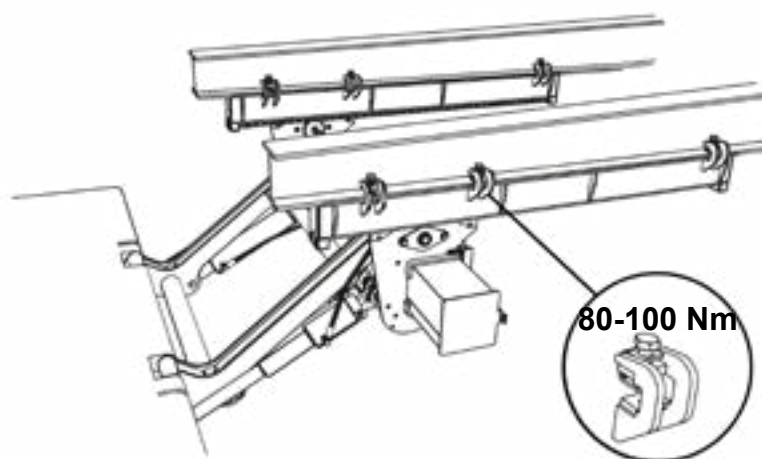
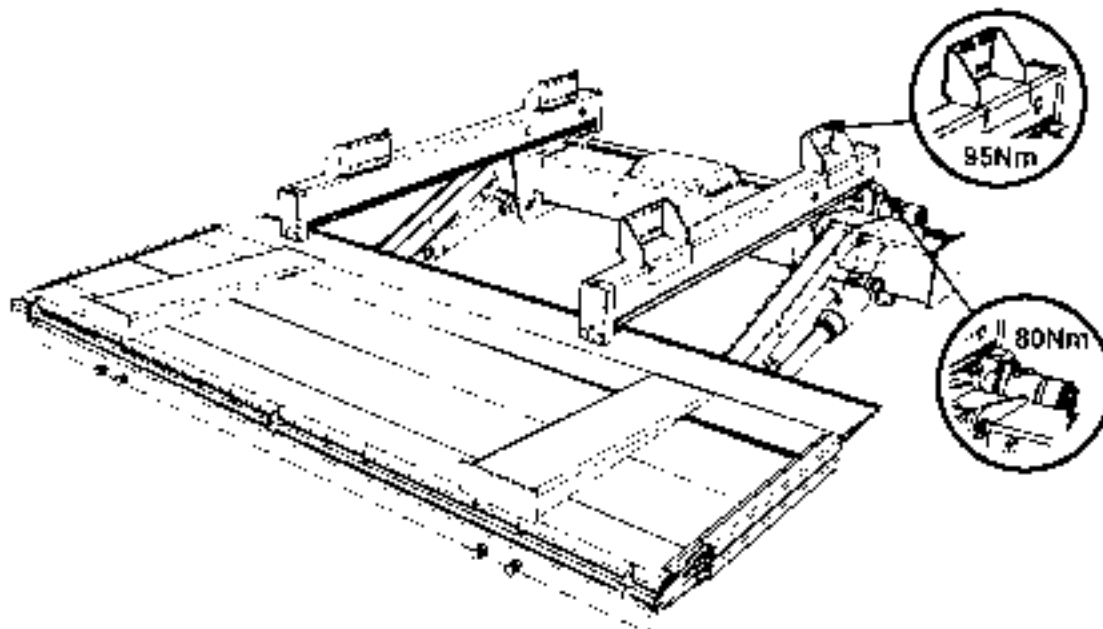


Tightening torque of the safety valves, hoses and other hydraulic couplings, see the last page.

Torque chassi details ZD/ZS/ZT 15/20/25

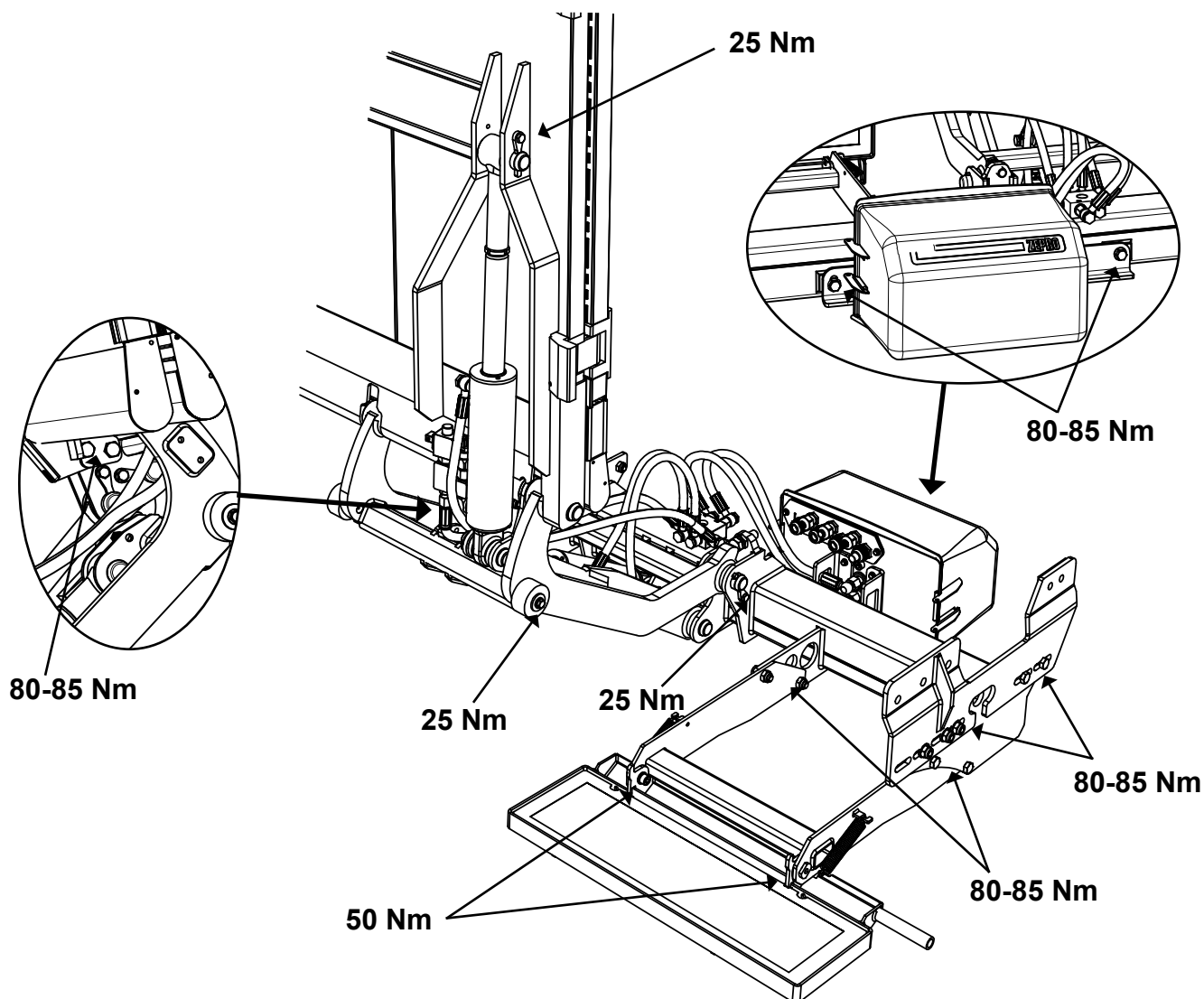
Tightening torque of the safety valves, hoses and other hydraulic couplings, see the last page.

Torque slide details

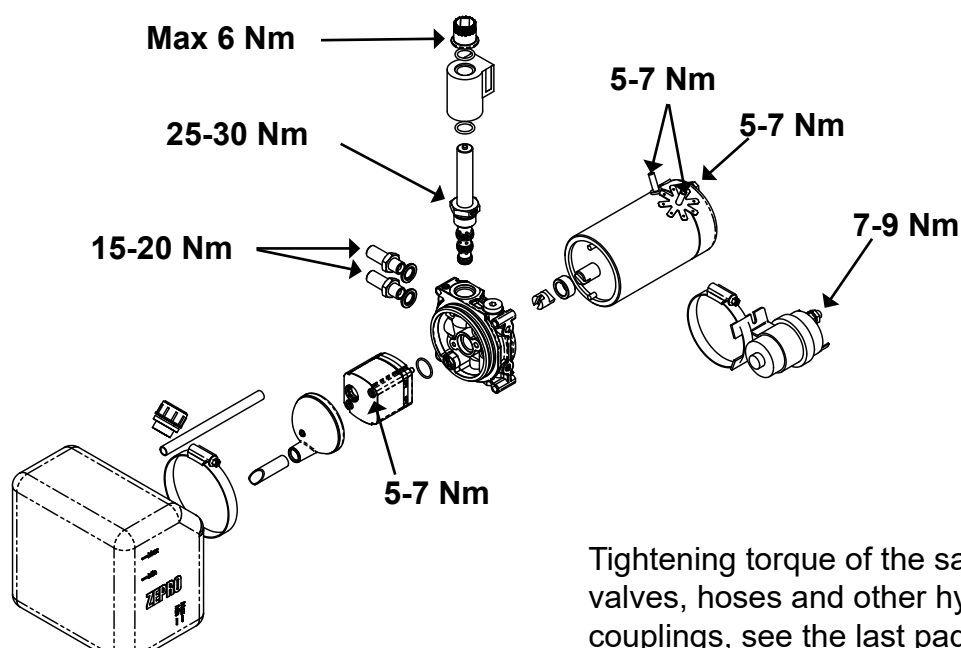


Tightening torque of the safety valves, hoses and other hydraulic couplings, see the last page.

Torque ZHZ 600 Chassi details

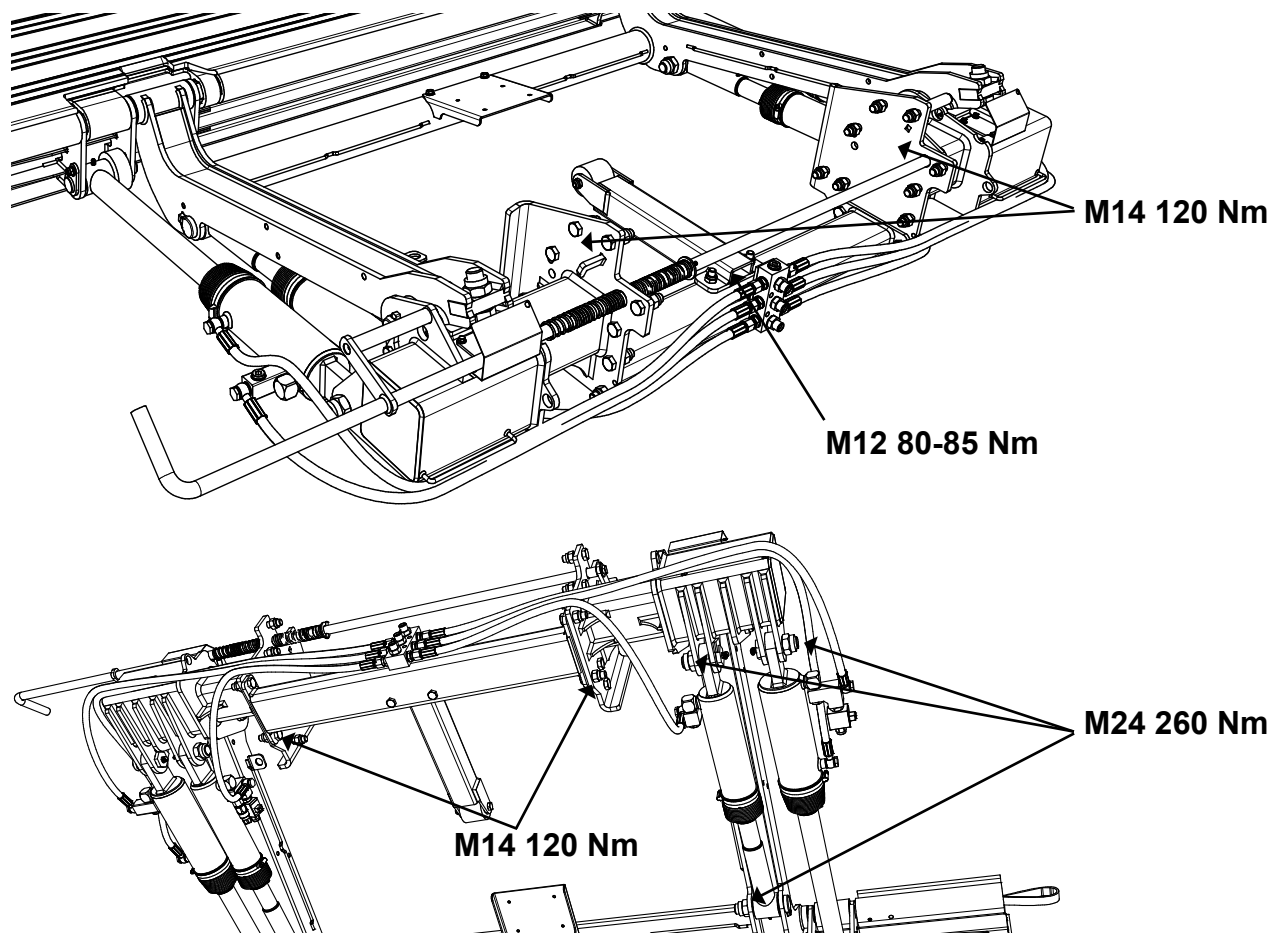


Hydraulic unit ZHZ

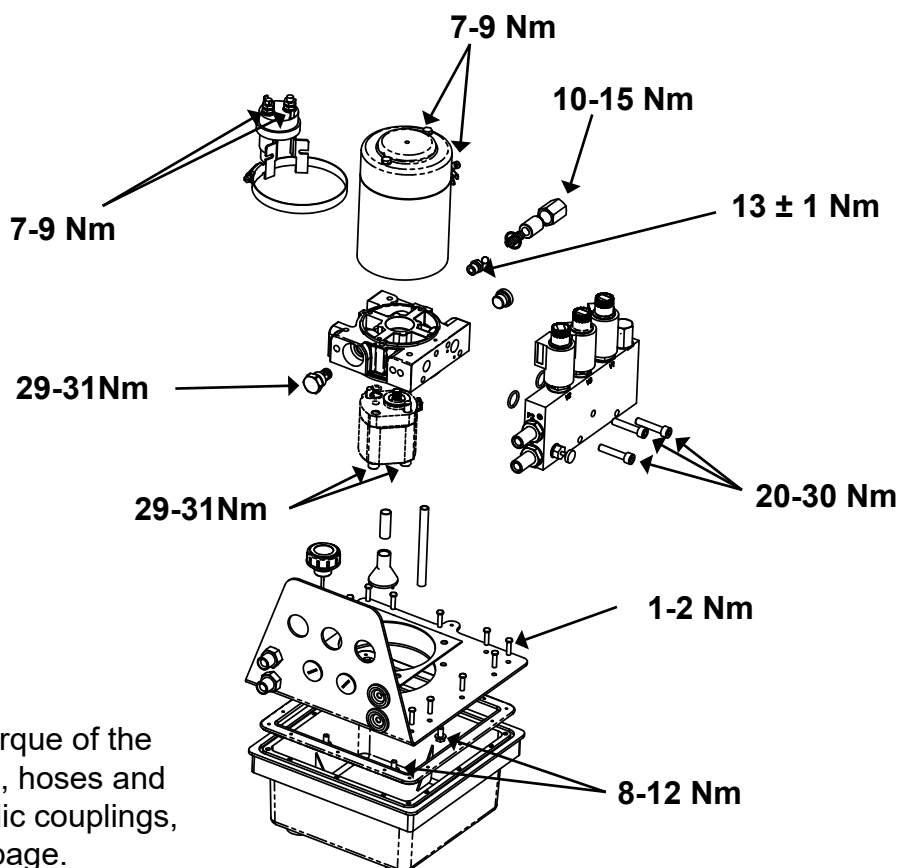


Tightening torque of the safety valves, hoses and other hydraulic couplings, see the last page.

Torque ZKZ 1500 Chassi details



Hydraulic unit ZKZ 1500



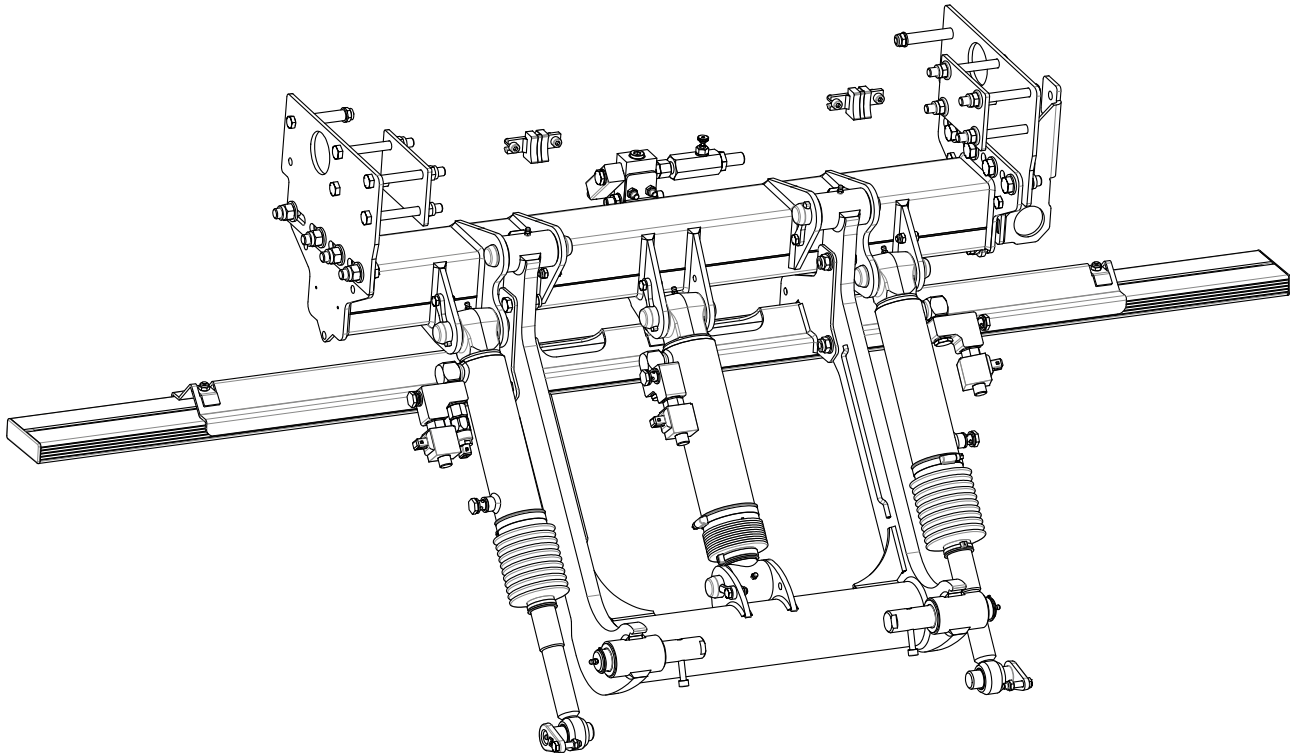
Tightening torque of the safety valves, hoses and other hydraulic couplings, see the last page.

Torque Z3N/Z3NU 75

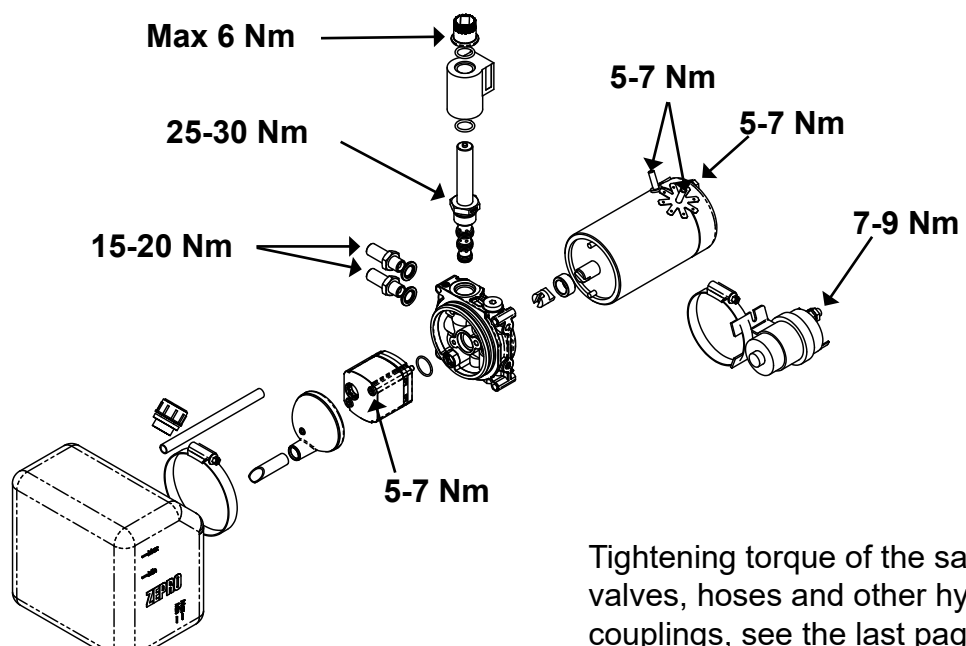
Chassi details

Torque for screw and nuts on chassi details:

- M8..... 25Nm.
- M10..... 50Nm.
- M12..... 80Nm.
- M14..... 120Nm.



Hydraulic unit Z3N 75



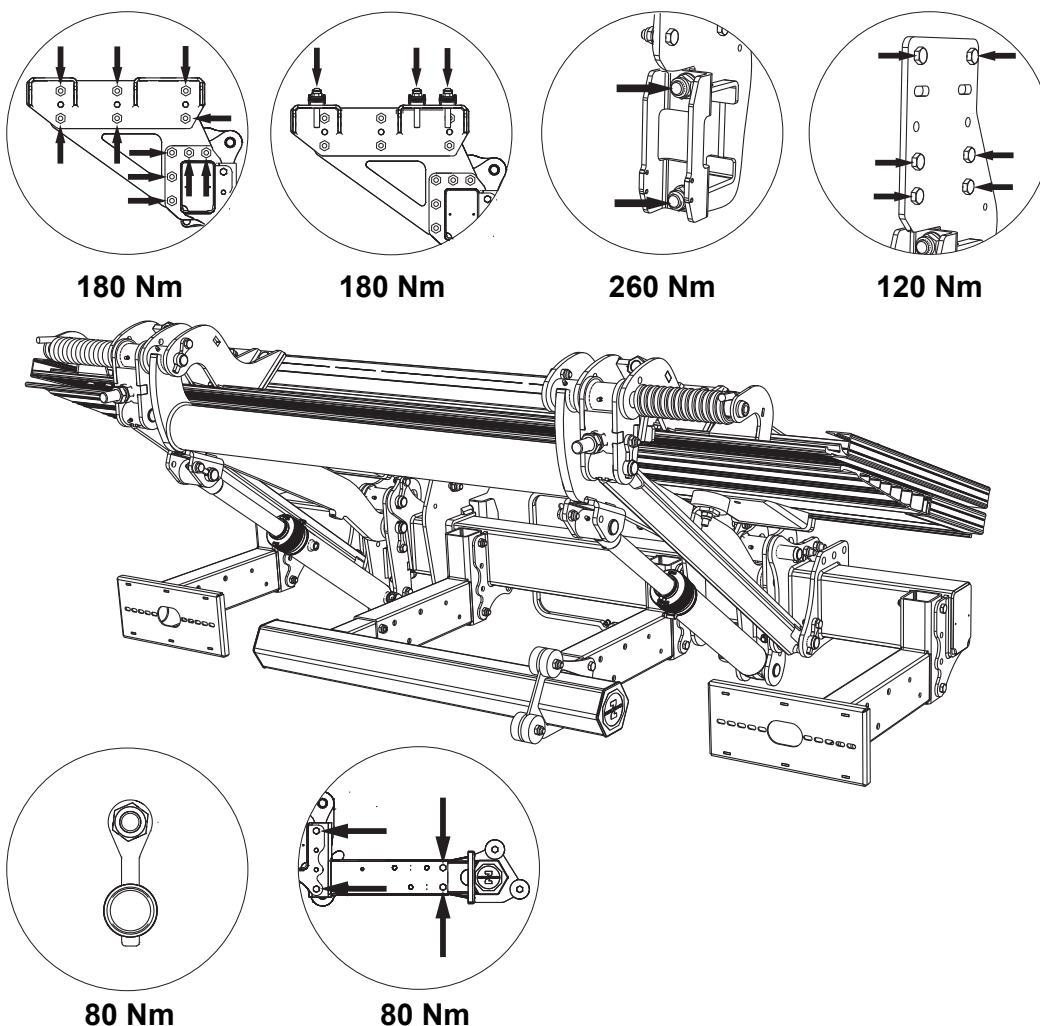
Tightening torque of the safety valves, hoses and other hydraulic couplings, see the last page.

Torque chassi details ZR 10/15 - 135

Chassi details

Torque for screw and nuts on chassi details:

- M12..... 80Nm.
- M14..... 120Nm.
- M16.....180Nm.
- M22.....260Nm.



Tightening torque of the safety valves, hoses and other hydraulic couplings, see the last page.

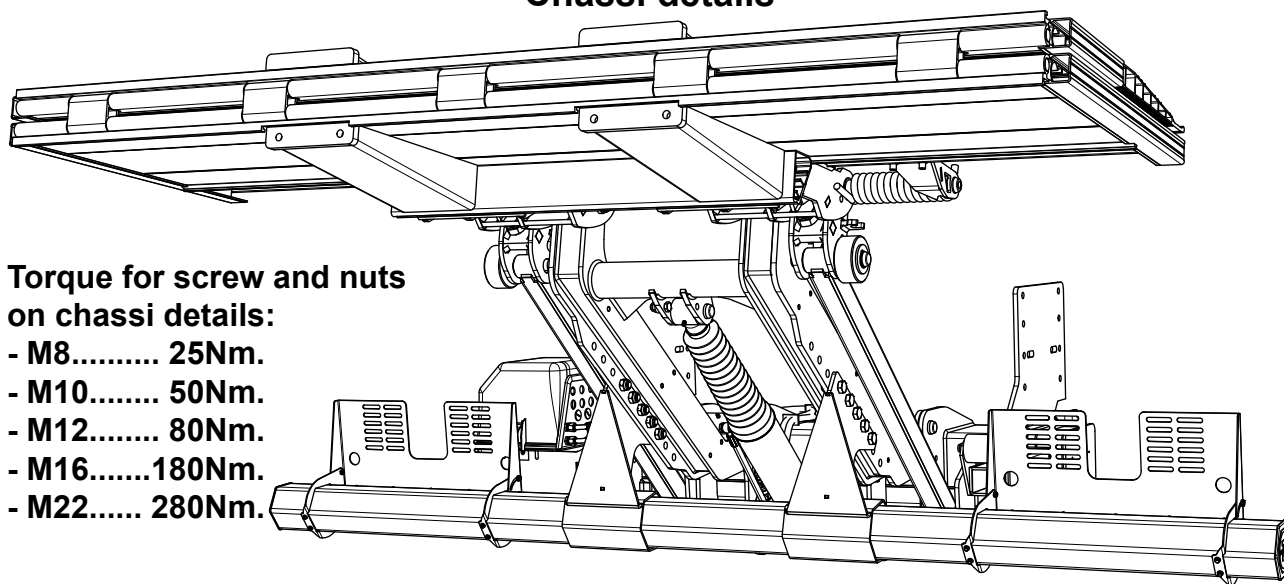
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Torque ZR 15/20 - 140/157

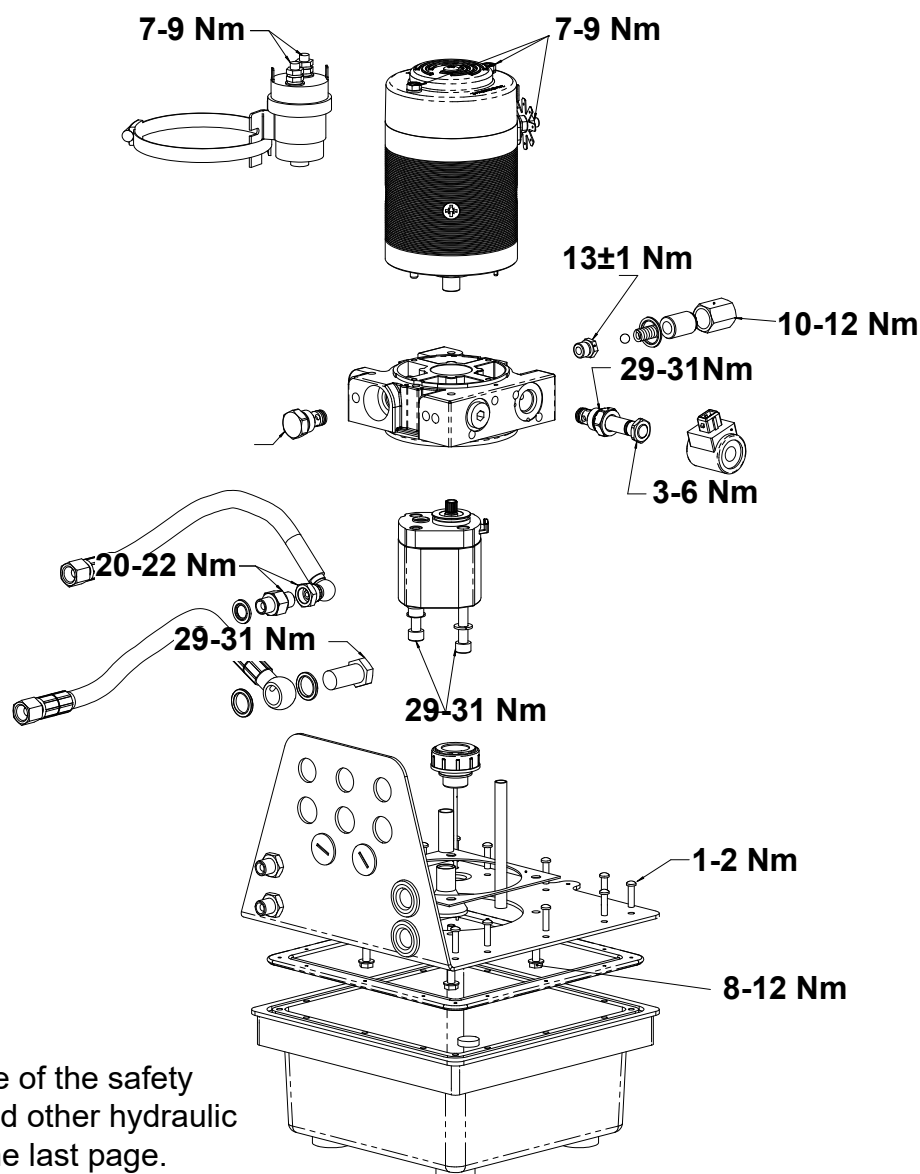
Chassi details

Torque for screw and nuts
on chassi details:

- M8..... 25Nm.
- M10..... 50Nm.
- M12..... 80Nm.
- M16.....180Nm.
- M22..... 280Nm.



Hydraulic unit ZR 15/20 - 140/157

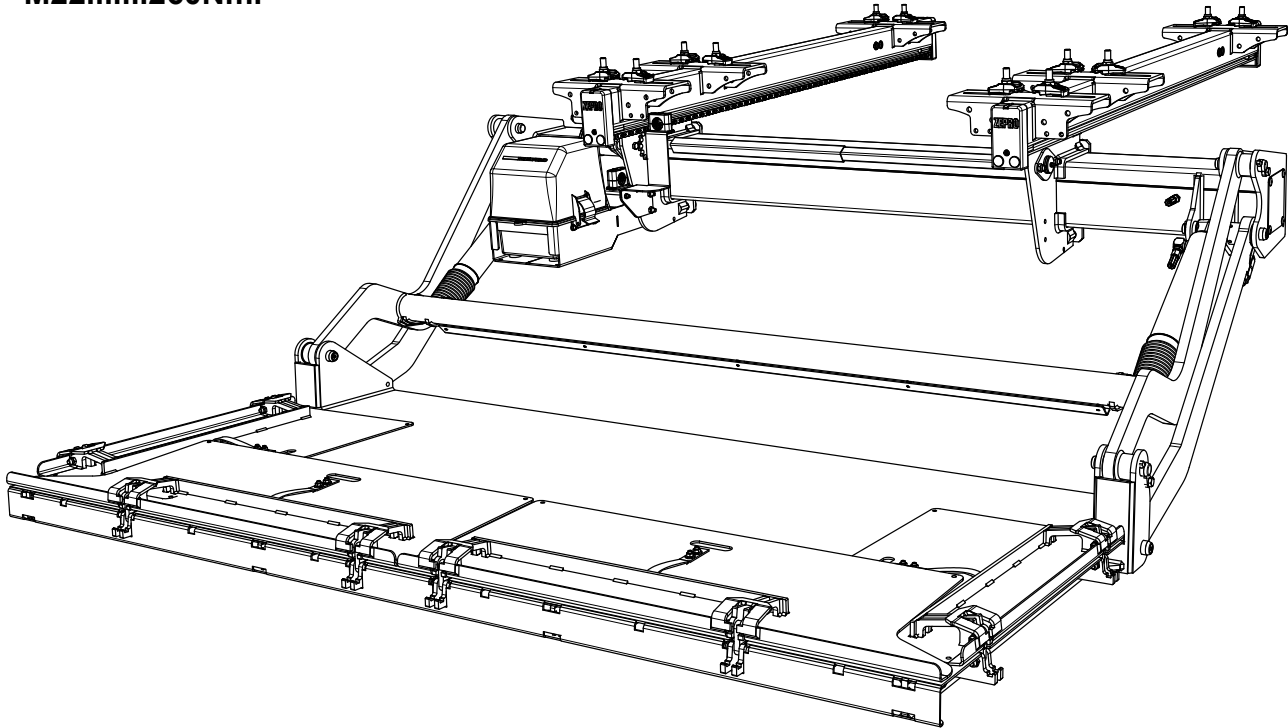


Tightening torque of the safety
valves, hoses and other hydraulic
couplings, see the last page.

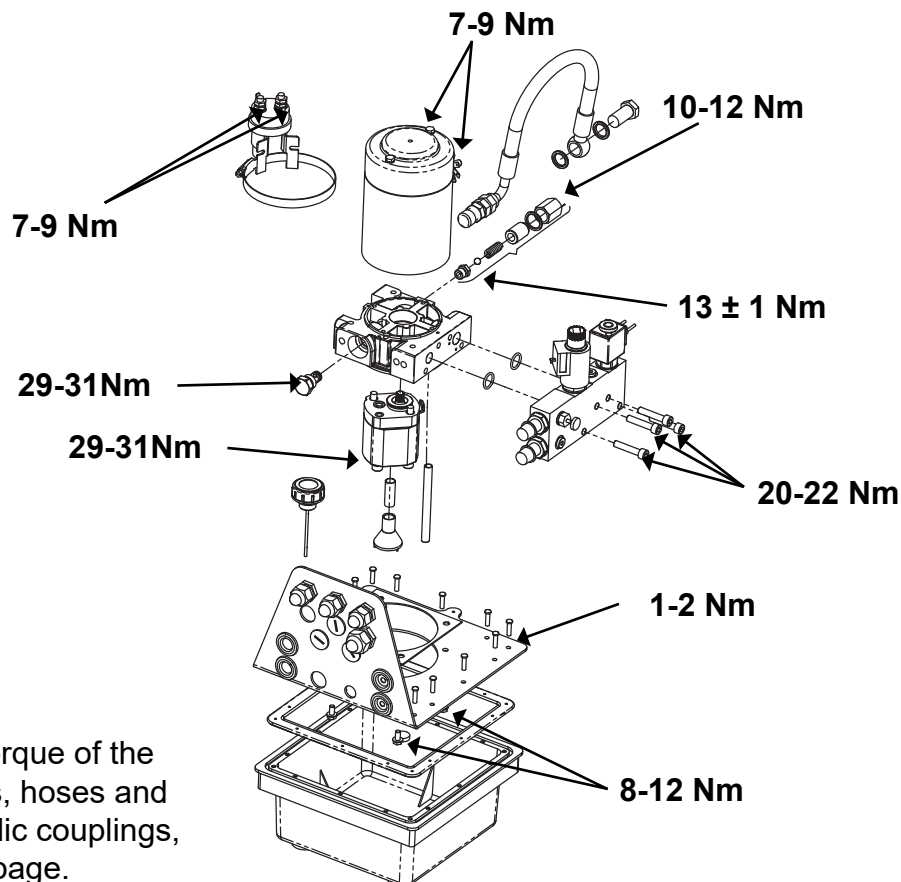
Torque SZFT/SZFTN/SZFTS Chassi details

Torque for screw and nuts on chassi details:

- M10..... 50Nm.
- M12..... 80Nm.
- M14..... 120Nm.
- M16.....180Nm.
- M22.....260Nm.



Hydraulic unit SZFT

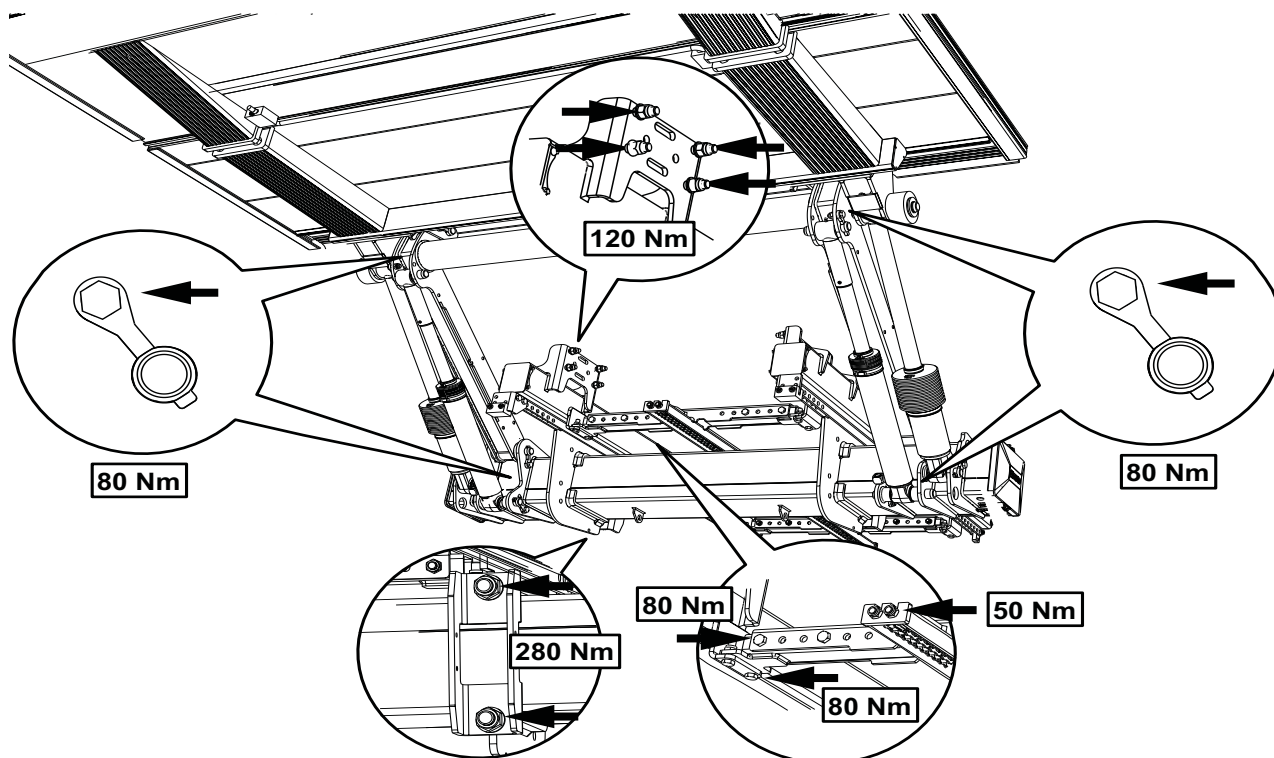


Tightening torque of the safety valves, hoses and other hydraulic couplings, see the last page.

Torque SZL Chassi details

Torque for screw and nuts on chassi details:

- M10..... 50Nm.
- M12..... 80Nm.
- M14..... 120Nm.
- M16.....180Nm.
- M22.....260Nm.

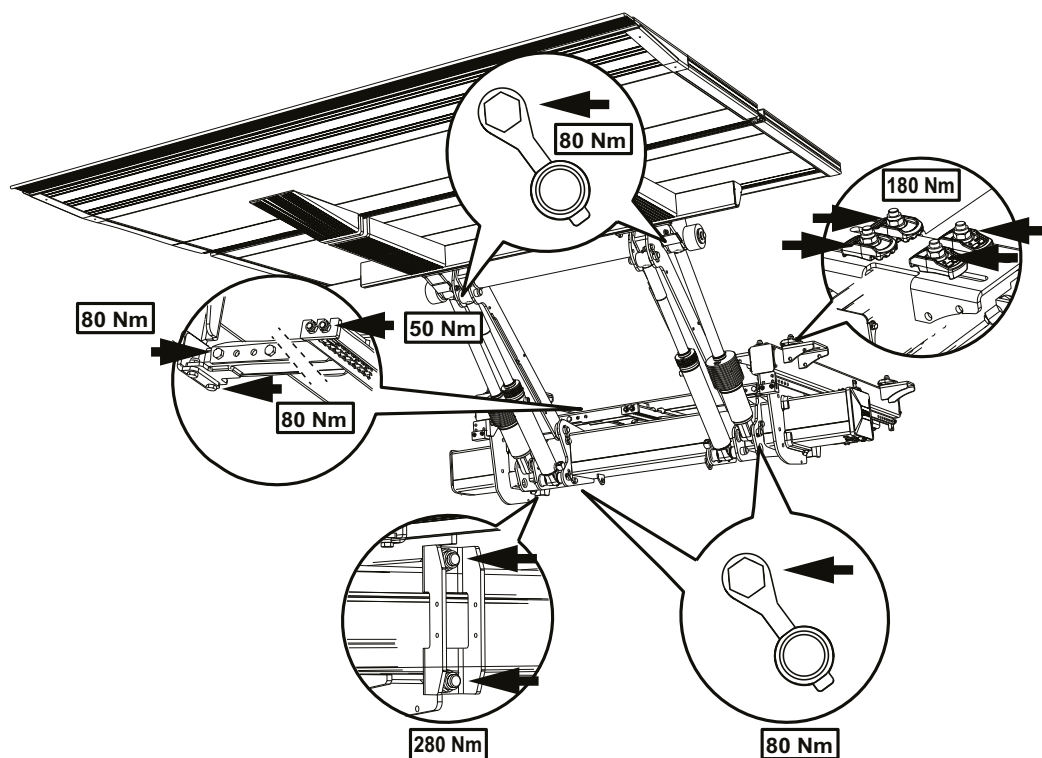


Tightening torque of the safety valves, hoses and other hydraulic couplings, see the last page.

Torque SZN Chassi details

Torque for screw and nuts on chassi details:

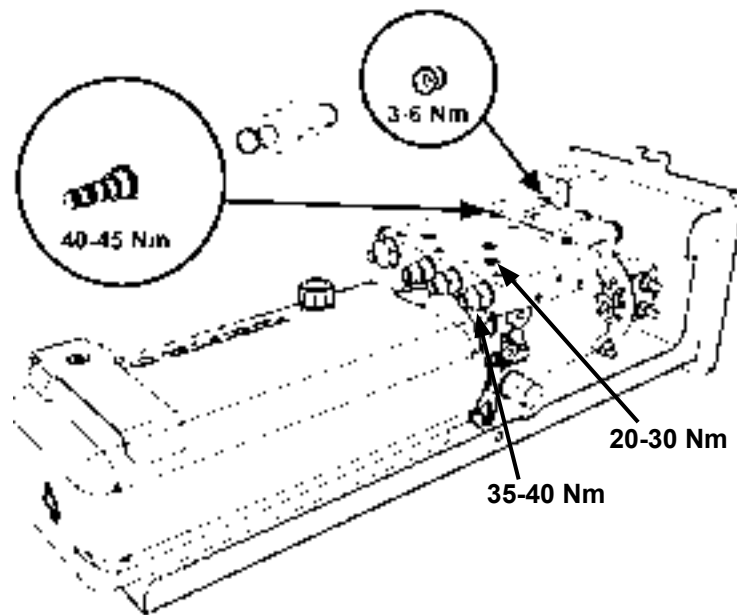
- M10..... 50Nm.
- M12..... 80Nm.
- M14..... 120Nm.
- M16.....180Nm.
- M22.....260Nm.



Tightening torque of the safety valves, hoses and other hydraulic couplings, see the last page.

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Torque hydraulic unit



Note: The valve system connection against adapter block has on Z 45/75 models a torque of 10-12 Nm.

Torque hydraulic hoses, adapters and electric safety valves.

Hydraulic hoses and adapters with G 1/4 " thread, should have a torque of 35-40 Nm.
Hydraulic hoses and adapters with G 3/8 " thread has a torque of 45-50 Nm

The electric safety valves attachment ,with hollow screw G 3/8 " thread, to cylinders has a torque of 80 Nm

Also make sure the hydraulic hoses have a natural motion, not twisted and does not rub against anything, everything to prolong the life of the hoses.

